



# Component - Plastics

File Number: E50075

## TEIJIN LIMITED RESIN AND PLASTIC

ENVIRONMENT QUALITY ASSURANCE DEPT, DIV 1, KASUMIGASEKI COMMON GATE, WEST TOWER, 2-1,  
KASUMIGASEKI 3-CHOME, CHIYODA-KU TOKYO 100-8585 JP



### Panlite: ML-52(XX)ZL(#)

Polycarbonate (PC), pellets

(#) - Suffix optional

(XX) - 01 through 10.

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, NC	V-0	
3.0 mm, NC	V-0	
Flammability Classification		IEC 60695-11-10, -20
1.5 mm, NC	V-0	
3.0 mm, NC	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
1.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
1.5 mm	875 °C	
3.0 mm	875 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 2	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 2	
3.0 mm	PLC 2	
Comparative Tracking Index (CTI)	PLC 2	UL 746
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
1.5 mm	125 °C	
3.0 mm	125 °C	
RTI Str		UL 746
1.5 mm	130 °C	
3.0 mm	130 °C	
Ball Pressure Test (125°C, 3.00 mm)	Pass	IEC 60695-10-2

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